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# FIT5032 Design Report (Major Application Development Credit/Distinction/High Distinction)

# APPLICATION NAME

STUDENT NAME:ID

INSTRUCTIONS: Substitute all RED text with your information. DELETE all BLUE instructions before final submission (in PDF format). Feel free to edit the format of the document to improve presentation

**Contents Page**

**Your design report must include the following:**

**Credit Level**

1. Overview of your application's goals
2. User stories
3. Functional diagram
4. Usability Design Review
5. Checklist of site functionality.

**Additional Distinction Level (the above and the following)**

1. Your selected approach when constructing the application
2. Class Diagram or Entity Relation Diagram
3. Data dictionary

**Additional High Distinction Level (the above and the following)**

1. Development Methodology
2. Versioning

**Your design report must include the following:**

1. **Overview** ( of your application’s goals)
2. **User stories and Use case diagrams (**that are driving your design decisions**)**
3. **Functional diagram** ( illustrating how the core aspects of the program fit together. You can provide either a functional diagram or a System Use Case diagram)
4. **Usability Design Review** (You can use either the Flow Bohl usability principle or Donald Norman Principles)
5. **Checklist of site functionality**

|  |  |
| --- | --- |
| **1. (Layout Page)** | **TICK**  **if complete** |
| Good Design |  |
| Stylesheet |  |
| JavaScript |  |
| Menu |  |
|  |  |
| **2. (Home page)** |  |
| Design and content |  |
| Banner Image |  |
|  |  |
| **3. (User Log in)** |  |
| Web form and validation controls |  |
| Formatted data entry display |  |
| Overall page design |  |
|  |  |
| **4. (Customised Views and Controllers)** |  |
| Customised Views |  |
| Customised Controllers |  |
| Other customisations |  |
|  |  |
| **5. (Documentation)** |  |
| Code Comments |  |
| Attribution of Source of any code used |  |
|  |  |
| **6 Business Requirements** |  |
| **BR(A1): for C to C+** |  |
| **BR(A2): for C to C+** |  |
| **BR(B1): for C to C+** |  |
| **BR(B2): for C to C+** |  |
| **BR(C1): for C+ to C++** |  |
| **BR(C2): for C+ to C++** |  |
| **BR(C3): for C+ to C++** |  |
| **BR(D1): for D to D++** |  |
| **BR(D2): for D to D++** |  |
| **BR(D3): for D to D++** |  |
| **BR(D4): for D to D++** |  |
| **BR(E1): for HD to HD+** |  |
| **BR(E2): for HD to HD+** |  |
| **BR(E3): for HD to HD+** |  |
| **BR(E4): for HD to HD+** |  |
| **BR(E5): for HD to HD+** |  |
|  |  |
| **Audit** |  |
| No breaking of copyright |  |

**Additional Distinction Level (the above and the following)**

1. **Your selected approach when constructing the application.** (Model First, Code First or Database First)
2. **Class Diagram or Entity Relation Diagram** (If you are using the Model First or Code First approach, you will need to provide a class diagram. An Entity Relationship Diagram (ERD using Crows Feet or Chen Notation) should be provided if you decide to use the Database First methodology.)
3. **Data dictionary** (This includes the justification of the data types which you use)

**Additional High Distinction Level (the above and the following)**

1. **Development Methodology** (A description of your development methodology for this portfolio submission. (For example, did you approach the portfolio submission using a Code and Fix method or using a Test Driven Development). Most students are expected to use the Code & Fix model. (This is completely normal for all assignments))
2. **Versioning** (Description of how you handled the versioning of your project. For example, if you have used [Git](https://www.atlassian.com/git/tutorials/what-is-git), [Mercurial](https://www.mercurial-scm.org/), [CVS](https://en.wikipedia.org/wiki/Concurrent_Versions_System), or [SVN](https://subversion.apache.org/). Please provide evidence of your repository if you have done so. (If you did not use it, justify why). It is not a requirement to use these tools but if you have done so, please state it.)